



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Michael R. Slater *et al.*
Serial No.: 09/641,319 Group No. 1652
Filed: 08/18/00 Examiner: R. Hutson
Entitled: **Thermophilic DNA Polymerases From *Thermotoga Neapolitana***

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AMENDMENT TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: May 27, 2003

By:


Mary Ellen White

Sir or Madam:

Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

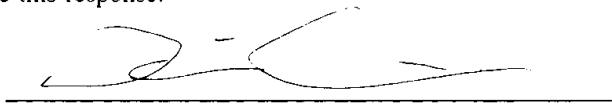
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	26	—	26	0	×	18.00	\$0.00
Independent Claims	12	—	12	0	×	78.00	\$0.00

One Month Extension of Time \$110.00
TOTAL DUE **\$110.00**

1. A check in the amount of **\$110.00** is attached.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. **08-1290**. **An originally executed duplicate of this transmittal is enclosed for this purpose.**
3. Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. § 1.136, as may be required, to file this response.

Dated: May 27, 2003

By:


David A. Casimir
Registration No. 42,395

MEDLEN & CARROLL, LLP
101 Howard Street, Suite 350
San Francisco, California 94105
608/218-6900



PATENT
Attorney Docket No. PRMG-04578

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Slater, *et al.*

Serial No.: 09/641,319

Group No.: 1652

Filed: 08/18/2000

Examiner: R. Hutson

Entitled:

Thermophilic DNA Polymerases From *Thermotoga Neapolitana*

**RESPONSE TO OFFICE ACTION
MAILED MARCH 25, 2003**

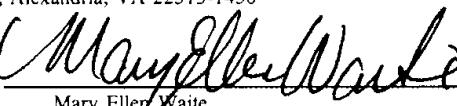
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Dated: May 27, 2003

By:


Mary Ellen Waite

Dear Sir:

The present response is in response to the Office Action mailed March 25, 2003. A request for a one month extension of time is enclosed herewith.

In the claims:

22. (previously added) A composition comprising a purified non-naturally-occurring DNA polymerase, or fragments thereof, capable of DNA synthetic activity, said polymerase derived from *Thermotoga neapolitana*.

23. (previously added) A composition comprising a mutant DNA polymerase, said mutant polymerase derived from a *Thermotoga neapolitana* DNA polymerase.